

Umetco Minerals Corporation



PO BOX 66, 137 47th STREET • NIAGARA FALLS, NEW YORK 14302

10814

October 2, 1986

Mr. C. T. Wentzel
Stratcor
P. O. Box 66
Niagara Falls, NY 14302

Subject: Decontamination of Plant and Disposal of Radioactive Waste

Dear Craig:

I am enclosing a copy of the manifest I received from Barnwell Waste Management Facility (Attachment 1). This acknowledges receipt and disposal of the nineteen 55-gallon drums of radioactive slag and soil from No. 30 Furnace and the one 55-gallon drum containing the radioactive samples from the Globar area. The area immediately adjacent to No. 30 Furnace has been backfilled with crushed stone. An invoice from Dube Construction Company (Attachment 2) requesting payment for the completed job is enclosed.

The low level radioactive ilmenite from the pit in Building 24 and the low level radioactive slag, both of which contained less than .05% combined uranium and thorium, were disposed of by Chemical Waste Management, Inc. on June 18, 19 and 20. Copies of the respective invoices (Attachments 3 and 4) are enclosed. The pit in Building 24 was backfilled with crushed stone by Dube Construction Company on May 21 and 22. The invoice for the completed work (Attachment 5) is enclosed.

This concludes the removal of radioactive material and decontamination of the area within the Niagara Plant. This fulfills Item i of Exhibit E, Environmental Agreement (Niagara Falls) between Umetco Minerals and Strategic Minerals Corporation which reads:

(1) "Plant Buildings. Umetco further agrees to assume the cost of decontaminating the three areas of the plant which have been determined to be radioactive based upon Umetco's radiation survey of the plant."

UCCNHT0002167

Page 2
October 1, 1986

Would you and Dr. Miller, as members of the Stratcor Environmental Coordination Committee for the Niagara Plant, acknowledge acceptance by signing the second copy of this letter and returning it to me.

Very truly yours,



Donald J. Hansen

ACCEPTED:

STRATCOR

By _____

Title _____

By _____

Title _____

/mau
Enclosures

cc: Messrs:
W. G. Beattie
J. F. Frost
T. J. Kagetsu
F. V. McMillen
D. G. Millenbruch
R. L. Miller

UCCNHT0002168

(1) GENERATOR NAME Umetco Minerals Corp
ADDRESS 137 47th Street

CITY Niagara Falls STATE NY
CONTACT DJ Hansen PHONE 286-4028

(2) consigned to
CHEM NUCLEAR SYSTEMS, INC
PO BOX 726, OSBORN ROAD
BARNWELL, SC 29812

BARNWELL WASTE MANAGEMENT FACILITY

Operated by CHEM NUCLEAR SYSTEMS, INC
P O Box 726, Barnwell South Carolina 29812
(803) 259-1781

RADIOACTIVE SHIPMENT MANIFEST FORM

(3) USE THIS NUMBER ON
ALL CONTINUATION PAGES

VOLUME ALLOCATION NO 09-86-254A PAGE 1
OF 3

CARRIER CNSI ADDRESS Barnwell, S.C
TELEPHONE 803-259-1781 SHIPPING DATE 9-19-86
SHIPMENT TYPE Van SHIPMENT SURFACE EXPOSURE 5.2 mR/hr
CASK IDENTIFICATION NO USA/ NA
SHIPMENT NO 86-28-25 LINER SERIAL NO NA
DRIVER SIGNATURE M. Northcraft DATE 9-19-86

(5) TOTAL FOR EACH CLASS (GROSS WEIGHT OF PACKAGES)	PROPER SHIPPING NAME & HAZARD CLASS (PER 49 CFR 172.101)	ID NUMBER
20.1355	Radioactive Material, empty packages	UN2908
	Radioactive Material, waste n.o.s. - Radioactive Material	UN2918
	Radioactive Material, low specific activity n.o.s. - Radioactive Material	UN2912
	Radioactive Material, n.o.s. - Radioactive Material	UN2982
	Radioactive Material, limited quantity n.o.s. - Radioactive Material	UN2910
	Radioactive Material, special form n.o.s. - Radioactive Material	UN2974
	Radioactive Material, instruments and articles - Radioactive Material	UN2911

(6) SHIPMENT TOTALS							(7) TOTAL SNM		
DISPOSAL VOLUME (Cubic Feet)	TOTAL NO OF PACKAGES	ACTIVITY (10CFR20311) Millicuries					SOURCE (Pounds)	ISOTOPE	GRAMS
		ALL ISOTOPES	TRITIUM	C 14	Tc 99	I 129		U 233	NP
150	20	NP	NP	NP	NP	NP	32.807	U 235	NP
								TOTAL	NP

(8) TOTAL PALLET VOLUME (CU FT) 26.5

(9) MINIMUM % FILL FOR STABILIZATION PROCESS NA

(8) TOTAL PALLET VOLUME (CU FT) 26.5

(9) MINIMUM % FILL FOR STABILIZATION PROCESS NA

(10) WASTE DESCRIPTION Ore, slag, and ferro alloys mixed in soil/cement

(11) PHYSICAL FORM/SOLIDIFICATION AGENT Solid - 19 drums, 1 drum cement

(12) CHEMICAL FORM AND NAME AND % OF CHELATING AGENT(S) OXIDE/0% Chel. Agent

(13) WASTE FORM CLASS AS

(14) ☒ Yes ☐ No THIS VEHICLE IS CONIGNED EXCLUSIVE USE LOADING AND UNLOADING MUST BE ACCOMPLISHED BY CONSIGNOR OR CONSIGNEE OR HIS DESIGNATED AGENT

(15) IMPORTANT: This is to certify that the above-named materials are properly classified, described, packaged marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

Signature Donald J. Hansen
Company Umetco Minerals Corp

Date 9/19/86

(16) Certification is hereby made to the South Carolina Department of Health and Environmental Control that this shipment of low-level radioactive waste has been inspected in accordance with the requirements of South Carolina Radioactive Material License No 097 as amended and the Nuclear Regulatory Commission's License No 12 13536-01 as amended and the effective Barnwell Site Disposal Criteria within 48 hours prior to shipment and further certification is made that the inspection revealed no items of non-compliance with all applicable laws, rules and regulations

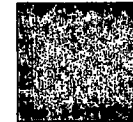
Date 9/19/86 By Donald J. Hansen
Title and Organization Consultant
Telephone No (716) 286-4028

CNSI USE ONLY

- ☒ This material meets all license requirements
☒ This material was disposed of in accordance with license
☐ Discrepancy

Date 9-26-86

Authorized Signature Denial P. Higowski Title H.P. SUP



Umetco Minerals Corporation

INTERNAL
CORRESPONDENCE



137 47TH STREET PO BOX 66 • NIAGARA FALLS NEW YORK 14302

ATTACHMENT 2

To (Name) Mr. K. E. Forrest
Umetco Minerals Corporation
Division Grand Junction, CO

Date October 1, 1986

Originating Dept

Location -

Area

Area

Answering Letter Date

Copy to Mr. J. F. Frost

Subject Dube Invoice
P. O. No. 250-07126

Dear Ken:

The enclosed invoice from Dube Construction Company is approved for payment. The work covers the backfilling around Furnace No. 30 where radioactive slag had been removed. Hopefully, this is the last time we will require Dube's services.

Regards,


Donald J. Hansen

/mau
Enclosure

UCCNHT0002170

Dube Construction Co.
GENERAL CONTRACTORS AND BUILDERS

Paving - Black Top Driveways - Trenching - Building - Trucking

2267 LOCKPORT RD
SANBORN, N Y 14132

SANBORN 731-3635

Oct. 1986

Umetco Minerals Corp.
137 47th Street
Niagara Falls N. Y. 14302
Attn Mr. Donald Hansen
P.O. #250-07126

Job location:
#6 Furnace Room

9/12/86

Ticket #6325

Truck & driver 3 hrs. @ \$32.00 per hr	\$ 96.00
Del. 10 tons of # 2 R.O.C. @ \$4.75 per ton	\$ 47.50
Service truck	\$ 20 00
1 labor 3 hrs. @ \$14.00 per hr	\$ 42.00
Small tools	N/C

\$ 215.50

State tax (mat only)

\$ 3.33

Total due

\$ 218.83

Thank You!

Approved for payment
D. Hansen

TERMS 2% per month on unpaid balance

UCCNHT0002171

DUBE CONSTRUCTION CO
Truck - Back Hoe - Hylift Service
2267 Lockport Rd Sanborn, N Y 14132
Phones 731 3635 - 731 3616

Unmetered *9/12/86*
Job Location: *#6 TURCHINE Rd* HOURS
TRUCK *1 TRUCK + DRIVER* *3 hrs.*
BACK HOE *10 Ton 5 TONS*
HYLIFT *SERVICE TRUCK + man* *3 hrs*
Small ton
TOTAL

DESCRIPTION LOADS
TOTAL

DRIVER

6325

RECEIVED BY

UCCNHT0002172



CHEMICAL WASTE MANAGEMENT, INC.
TECHNICAL SERVICE
P.O. Box 200
Model City, New York 14107

11/11/86
THIS IS A NON-NEGOTIABLE
PLEASE PAY AMOUNT IN FULL
net 30 days
ALL P-5000
INTEREST AT 10% PER ANNUM
THE MAXIMUM PENALTY FOR LATE PAYMENT
WHICHEVER IS GREATER

Umetco Minerals Corporation
Accounting Department
P.O. Box 1029
Grand Junction, Colorado 81502

Ref. Cont. #250-07117
INVOICE NUMBER
00556 6/20/86

ATTACHMENT 3

Disposal of 75.69 tons of vanadium slag removed from
the Umetco site located at 137 47th St., Niagara Falls, NY
on June 18, 1986

Approved for payment
D. Hansen 7/3/86
Charge # 34523-20301



REMIT TO
ADDRESS

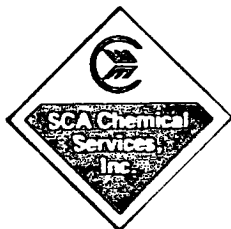
P.O. Box 8000 Dept. 660
Buffalo, NY 14267

PLEASE PAY
THIS AMOUNT

\$13,548.00

ORIGINAL INVOICE

UCCNHT0002173



SCA Chemical Services Inc
Model City Facility
P O Box 200
1550 Balmer Road
Model City New York 14107
716/754-8231

June 20, 1986

UMETCO MINERALS CORPORATION
Accounting Department
P.O. Box 1029
Grand Junction, Colorado 81502

Reference Cont.: #250-07117

Chemical Waste Management wishes to submit an invoice of \$13,548.00 for the disposal of 75.69 tons of vanadium slag removed from the Umetco site located at 137 47th Street, Niagara Falls, New York, on June 18, 1986.

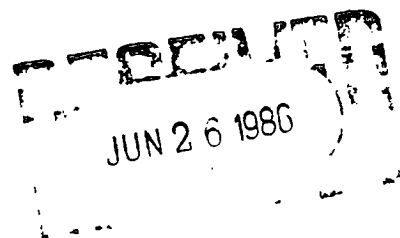
Attached please find three weight tickets verifying the tonnage of slag disposal at SCA/Chemical Waste Management, Model City, New York.

Sincerely,

SCA CHEMICAL SERVICES, INC.
MODEL CITY FACILITY

Gary Shirley
Technical Service Manager

GS:sls



UCCNHT0002174



SCA CHEMICAL SERVICES, INC.

1550 Balmer Road
P O Box 200
Model City, New York 14107

(716) 754-8231

CUSTOMER UMETCO

GROSS

===75687LB

WORK ORDER 106733

TARE

===35187LB

PROFILE F60590

HAULER Buffalo Fuel

40,500LB

TRUCK NUMBER 348 TRAILER NUMBER D49 NET

SCHEDULE TIME _____

RECEIVING: TIME IN 12:10 TIME OUT 12:15 INITIALS SC

EXPLANATION _____

LAB: TIME IN 12:20 TIME OUT 13:15 INITIALS PR

EXPLANATION _____

PROCESSING: TIME IN 12:30 TIME OUT 13:11 INITIALS 1/1

EXPLANATION _____

OTHER: TIME IN _____ TIME OUT _____ INITIALS _____

EXPLANATION _____

-DRIVER SIGNATURE J. W. Leaver DEPARTURE TIME 2:30 pm

PLANT MANAGER SIG. _____ DATE 6-8-86

TOTAL CHARGES TO BE BILLED

BASE PRICE _____
DETENTION (excess time _____) _____
SPOTTING (No. of Days _____) _____
WASHING _____
OFF SPECS () (see attached) _____
OTHER _____
TOTAL _____

RECEIVED
JUN 26 1986



SCA CHEMICAL SERVICES, INC.

1550 Balmer Road
P O Box 200
Model City, New York 14107

(716) 754-8231

CUSTOMER

U meter

GROSS

=== 72783 LB

WORK ORDER

106734

TARE

PROFILE

F60590

=== 30783 LB

HAULER

BFC

TRUCK NUMBER

6564

TRAILER NUMBER

D37

NET

42,000 lbs

SCHEDULE TIME

RECEIVING:

TIME IN 12:30p

TIME OUT 12 42p

INITIALS

AD

EXPLANATION

LAB:

TIME IN 1250

TIME OUT 1315

INITIALS

PR

EXPLANATION

PROCESSING:

TIME IN 12:45

TIME OUT 12:55

INITIALS

LE

EXPLANATION

OTHER:

TIME IN

TIME OUT

INITIALS

EXPLANATION

DRIVER SIGNATURE

Jeff Lehn

DEPARTURE TIME

2:35pm

PLANT MANAGER SIG.

DATE

6/18/86

TOTAL CHARGES TO BE BILLED

BASE PRICE

DETENTION (excess time)

SPOTTING (No. of Days)

WASHING

OFF SPECS () (see attached)

OTHER

TOTAL

JL-2 185

JUN 26 1986



SCA CHEMICAL SERVICES, INC.

1550 Balmer Road
P O Box 200
Model City, New York 14107

(716) 754-8231

CUSTOMER

Ameco

GROSS

===98647LB

WORK ORDER

106735

TARE

===29787LB

PROFILE

F60590

HAULER

BFC

68,880 lbs

TRUCK NUMBER

333

TRAILER NUMBER

D53

NET

SCHEDULE TIME

RECEIVING:

TIME IN 12 43p TIME OUT 12 47p

INITIALS

JOP

EXPLANATION

LAB:

TIME IN 12 55 TIME OUT 13 15

INITIALS

RZ

EXPLANATION

PROCESSING:

TIME IN 2 20 TIME OUT

INITIALS

/

EXPLANATION

OTHER:

TIME IN TIME OUT

INITIALS

EXPLANATION

DRIVER SIGNATURE

Waller

DEPARTURE TIME

2:55pm

PLANT MANAGER SIG.

DATE

6/18/86

TOTAL CHARGES TO BE BILLED

BASE PRICE

DETENTION (excess time)

SPOTTING (No. of Days)

WASHING

OFF SPECS () (see attached)

OTHER

TOTAL

JR-2

RECEIVED
JUN 26 1986



SCA

CHEMICAL WASTE MANAGEMENT, INC.
TECHNICAL SERVICE
P.O. Box 200
Model City, New York 14107

net 30 days

ALL PAST DUE AMOUNTS WILL BE CHARGED AN
INTEREST AT TWO PERCENT PER MONTH OR
THE MAXIMUM RATE ALLOWED BY LAW
WHICHEVER IS LESS

Umetco Minerals Corporation
Accounting Department
P.O. Box 1029
Grand Junction, Colorado 81502

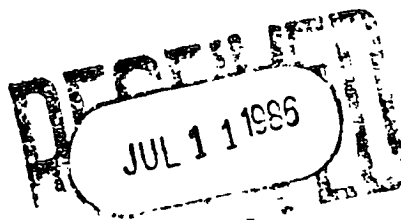
CUSTOMER ACCOUNT NUMBER

P.O. #250-07117

INVOICE NUMBER	INVOICE DATE	PAGE
00558	6/30/86	

ATTACHMENT 4

Disposal of 125 drums of Illmenite removed from Umetco site located
at 137 47th Street, Niagara Falls, New York on 6/19/86 and 6/20/86



REMIT TO
ADDRESS

P.O. Box 8000 Dept. 660
Buffalo, New York 14267

PLEASE PAY
THIS AMOUNT

\$14,200

(PLEASE RETURN THIS COPY WITH YOUR REMITTANCE)

UCCNHT0002178



SCA Chemical Services, Inc.
Model City Facility
P O Box 200
1550 Balmer Road
Model City, New York 14107
716/754-8231

June 30, 1986

Umetco Minerals Corporation
Accounting Department
P.O. Box 1029
Grand Junction, Colorado 81502

Dear Sir:

Chemical Waste Management wishes to submit an invoice of \$14,200.00 against P.O.#250-07117 for the disposal of 125 drums of Ilmenite, (Hazardous Waste Chemical), removed from the Umetco site located at 137 47th Street, Niagara Falls, New York, on 6/19/86 and 6/20/86.

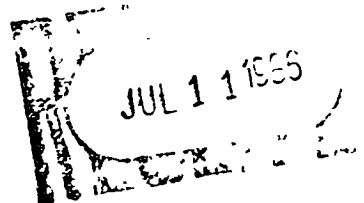
Please do not hesitate to contact me if I can be of further assistance.

Sincerely,

SCA CHEMICAL SERVICES, INC.
MODEL CITY FACILITY


Gary Shirley
Technical Service Manager

GS:sls



UCCNHT0002179

Dube Construction Co.**GENERAL CONTRACTORS AND BUILDERS*****Paving - Black Top Driveways - Trenching - Building - Trucking***2267 LOCKPORT RD
SANBORN, N Y 14132

SANBORN 731-3635

Umeter Minerals Corp.
P.O. Box 66
137 47th St.
Niagara Falls, NY 14320*Charge #14523-217-20301*Job Location
Bldg. #24

5/21/86	Ticket #7312	Truck & Driver 5 hrs @ \$25.00 per hr	\$ 125.00
		Backhoe w/operator 5 hrs @ \$30.00 per hr	150.00
		Deliver 48.66 ton of ROC @ \$4.75 per ton	231.14
5/22/86	" #7311	Truck & Driver @\$25.00 per hr - 5 hrs	125.00
		Backhoe w/operator 8 hrs @ \$30.00 per hr	240.00
		1 Labor 8 hrs @ \$14.00 per hr	112.00
		Deliver 24.31 ton of ROC @ \$4.75 per ton	<u>115.47</u>

Tax on material only 24.27

Total amount due \$ 1122.88

Thank you

RECEIVED

MAY 31 1986

PURCHASING DEPARTMENT

TERMS 2% per month on unpaid balance

UCCNHT0002180